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J1002 U.S. PTO
10/041128
01/07/02

jc542 U.S. PTO
01/07/02

Figure 1 consists of seven histograms, labeled (a) through (g), arranged vertically. Each histogram shows the frequency distribution of the number of non-zero elements in the vector x for a specific value of n . The x-axis for all histograms represents the number of non-zero elements, and the y-axis represents the frequency. The histograms are for $n = 10, 20, 30, 40, 50, 60, 70$ respectively. As n increases, the distribution of non-zero elements becomes wider and shifts towards higher counts.

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) Examiner: Not yet assigned
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) Group Art Unit: Not yet assigned
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) Docket No.: YOR9200100372US1
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Docket No.: YOR9200100372US1

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Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 35 USC 111(a) and 37 CFR 1.53(b) is a new utility patent application for an invention entitled: **FILTERED SHOPPING CART**

and invented by: **PICKOVER et al.**

Enclosed are:

1. ☒ Filing Fee as calculated and transmitted as described below
2. ☒ Specification having 31 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☐ Cross references to Related Applications (*if applicable*)
 - c. ☐ Statement Regarding Federally-sponsored Research/Development
 - d. ☐ Reference to Microfiche Appendix (*if applicable*)

- e. ☒ Background of the Invention
 f. ☒ Brief Summary of the Invention
 g. ☒ Brief Description of the Drawings (*if drawings filed*)
 h. ☒ Detailed Description
 i. ☒ Claim(s) as Classified Below
 j. ☒ Abstract of the Disclosure
3. ☒ Drawing(s) (*when necessary as prescribed by 35 USC 113*)
- a. ☒ Formal Number of Sheets 16
 b. ☐ Informal Number of Sheets
4. ☒ Oath or Declaration
- a. ☒ Newly executed (*original or copy*) ☐ Unexecuted
 b. ☐ Copy from a prior application (37 CFR 1.63(d))
 c. ☒ With Power of Attorney ☐ Without Power of Attorney
 d. ☐ DELETION OF INVENTOR(S)
 Signed statement attached deleting inventor(s) named in the Prior Application,
 see 37. CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (*usable if Box 4b is checked*)
 The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☒ Assignment Papers (*cover sheet & documents(s)*)
7. ☐ 37 CFR 3.73(B) Statement (*when there is an assignee*)
8. ☐ English Translation Document (*if applicable*)
9. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
10. ☐ Preliminary Amendment
11. ☒ Acknowledgement Postcard
12. ☒ Mailed Via
- ☐ First Class ☒ Express Mail (*Specify Label No.*) **ET030253935US**
13. ☐ Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
14. ☐ Request and Certification under 35 USC 122(b)(2)(B)(i) (*attach PTO/SB/35*)
15. ☒ Additional Enclosures: Associate Power of Attorney and Acknowledgement Postcard

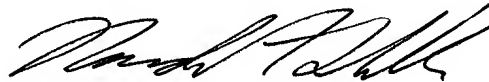
FEE CALCULATION

For	No. Filed	No. Allowed	No. Extra	Rate	Fee
Total Claims	59	- 20	39	\$ 18.00	\$ 702.00
Indep. Claims	6	- 3	3	\$ 84.00	\$ 252.00
Multiple Dependent Claims (If applicable, please add \$ 260.00)					\$ 0.00
BASIC FEE					\$ 740.00
OTHER FEE (specify purpose):					\$40.00
TOTAL FILING FEE					\$1,734.00

In addition, the Commissioner is hereby authorized to charge and credit Deposit Account No. 50-0150 as described below. A duplicate copy of this sheet is enclosed.

- ☒ Charge the amount of **\$1,734.00** as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional fees required under 37 CFR 1.16 and 1.17.

Respectfully submitted,



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January 7, 2001

Date